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34206 7590 02/13/2004

**FOGG AND ASSOCIATES, LLC**  
**P.O. BOX 581339**  
**MINNEAPOLIS, MN 55458-1339**

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I hereby certify that this Fee(s) Transmittal is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to the Mail Stop ISSUE FEE address above, or being facsimile transmitted to the USPTO, on the date indicated below.

<b>Jane E. Sagers</b>	(Depositor's name)
<i>[Signature]</i>	(Signature)
<b>May 6 2004</b>	(Date)

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/002,218	11/01/2001	Peter R. Kalkbrenner	100.230U301	4098

TITLE OF INVENTION: MOUNTING CIRCUIT BOARDS IN HOUSINGS

APPLN. TYPE	SMALL ENTITY	ISSUE FEE	PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1330	\$300	\$1630	05/13/2004

EXAMINER	ART UNIT	CLASS-SUBCLASS
BUI, HUNG S	2841	361-752000

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).

☐ Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.

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2. For printing on the patent front page, list (1) the names of up to 3 registered patent attorneys or agents OR, alternatively, (2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.

1 Fogg & Associates, LLC2 Laura A. Ryan

3 \_\_\_\_\_

3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. Inclusion of assignee data is only appropriate when an assignment has been previously submitted to the USPTO or is being submitted under separate cover. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE

(B) RESIDENCE: (CITY and STATE OR COUNTRY)

ADC Broadband Access Systems, Inc.

Westborough, MA

Please check the appropriate assignee category or categories (will not be printed on the patent); ☐ individual ☒ corporation or other private group entity ☐ government

4a. The following fee(s) are enclosed:

4b. Payment of Fee(s):

☒ Issue Fee☐ Publication Fee☐ Advance Order - # of Copies \_\_\_\_\_☐ A check in the amount of the fee(s) is enclosed.☒ Payment by credit card. Form PTO-2038 is attached.

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This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Alexandria, Virginia 22313-1450.

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05/12/2004 AWONDAF2 0000077 10002218

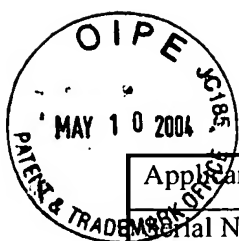
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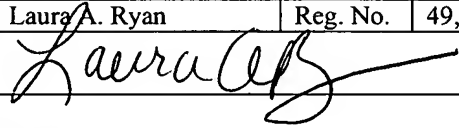
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TRANSMIT THIS FORM WITH FEE(S)



Applicant(s)	Kalkbrenner	<b>TRANSMITTAL FORM UNDER 37 CFR 1.8 (LARGE ENTITY)</b>
Serial No.	10/002,218	
Confirmation No.	4098	
Filing Date	November 1, 2001	
Group Art Unit	2841	
Examiner Name	Hung S. Bui	
Attorney Docket No.	100.230US01	
Title: MOUNTING CIRCUIT BOARDS IN HOUSING		

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<b>Enclosures</b>					
The following documents are enclosed:  <input checked="" type="checkbox"/> Form PTOL-85B (Issue Fee Transmittal) in duplicate. <input checked="" type="checkbox"/> Form PTO-2038 (Credit Card Payment Form) for the issue and publication fee. <input checked="" type="checkbox"/> A return postcard.  <b>Please charge any additional fees or credit any overpayments to Deposit Account No. 502432.</b>  <b>CUSTOMER NO. 34206</b>					
<b>Submitted By</b>					
Name	Laura A. Ryan	Reg. No.	49,055	Telephone	(612) 332-4720
Signature				Date	May 6, 2004
Attorneys for Applicant Fogg and Associates, LLC P.O. Box 581339 Minneapolis, MN 55458-1339 T: 612-332-4720 F: 612-332-4731					
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Name	Jane E. Sagers	Signature 			